

IN THE CLAIMS:

Kindly rewrite Claims 1-24 and add Claims 25-29 as follows:

1. (Currently Amended) An extruder head (50) for use in a device for the coating of a conductor or a conductor line (72), with the extruder head comprising:
a supply conduit;
at least one extruder die (56) having an input side and an output side, which is the extruder die being connected on the input side to a the supply conduit (58) for feeding the a coating material, and opens the extruder die opening out on the output side into a region to which the conductor that is to be coated or the conductor line that is to be coated is adjacent during operation, characterized in that; and
a seal configured and arranged so that the outlet of the extruder die (56) can be closed by means of a the seal (57).
2. (Currently Amended) The extruder head as claimed in claim 1, further comprising:
a bypass branch (68) being arranged in the supply conduit (58) or in the extruder die (56) upstream of the seal (57) in the feeding direction of the coating material.
3. (Currently Amended) The extruder head as claimed in claim 2, further comprising:
a collecting container and a conduit;
wherein the bypass branch (68) being is connected via a the conduit to a the collecting container.
4. (Currently Amended) The extruder head as claimed in ~~one of the preceding~~ claims Claim 1, wherein the region into which the extruder die (56) opens out being comprises a void (54) ~~which is arranged in the extruder head (50) and has~~ having a cross section corresponding to the profile of the conductor or the conductor line to be coated, the cross section of the void being ~~made~~ greater than the cross section of the conductor or the conductor line (72) by the thickness of the coating, ~~preferably allowing for the form dependent extrusion shrinkage.~~

5. (Currently Amended) The extruder head as claimed in ~~one of the preceding~~
~~claims~~Claim 1, wherein the extruder die (56) ~~opening opens~~ out ~~essentially~~ substantially radially
into ~~the said~~ region.

6. (Currently Amended) The extruder head as claimed in ~~one of the preceding~~
~~claims~~Claim 1, wherein the cross section of the region into which the extruder die (56) opens out
~~tapering tapers in the an~~ axial direction of the conductor line from ~~the a~~ conductor line entry
cross section to ~~the a~~ conductor line exit cross section in a way corresponding to the extrusion
shrinkage occurring in ~~this said~~ region.

7. (Currently Amended) The extruder head as claimed in ~~one of the preceding~~
~~claims~~Claim 1, wherein the extruder head (50) ~~having has~~ a length in ~~the an~~ axial direction of the
conductor or the conductor line (72) which is less than one tenth, ~~preferably less than one~~
~~twentieth~~, of a radius of the conductor line contour.

8. (Currently Amended) The extruder head as claimed in ~~one of the preceding~~
~~claims~~Claim 1, further comprising:
_____ a multiplicity of extruder dies (56) ~~being arranged~~ at the periphery of ~~the said~~ void in
such a distributed manner that a uniform layer thickness of the coating material ~~forms can form~~
on the periphery of the conductor or the conductor line.

9. (Currently Amended) The extruder head as claimed in ~~one of the preceding~~
~~claims~~Claim 1, wherein:
_____ the region into which the extruder dies ~~open opens~~ out ~~tapering tapers in the an~~ axial
direction of the conductor or the conductor line from ~~the a~~ conductor line entry cross section to
~~the a~~ conductor line exit cross section, ~~and/or~~ to achieve a pressure build-up;
_____ restrictor bars are arranged in said region to achieve a pressure build up; ~~and/or~~
_____ restrictor-ring segments, ~~which are preferably adjustable, being arranged in this said~~
region, ~~in order~~ to achieve a pressure build-up; or

combinations thereof.

10. (Currently Amended) The extruder head as claimed in ~~one of the preceding~~
~~claims~~Claim 1, wherein the extruder head (50) being designed on the principle of is configured
and arranged for pressure coating of a conductor or a conductor line.

11. (Currently Amended) The extruder head as claimed in ~~one of claims 1 to 9~~Claim
1, wherein the extruder head (50) being designed on the principle of is configured and arranged
for tube coating of a conductor or a conductor line.

12. (Currently Amended) The extruder head as claimed in ~~one of the preceding~~
~~claims~~Claim 1, further comprising:
two or more extruder dies (56a, 56b) being arranged one behind the other in the an axial
direction in the extruder head (50).

13. (Currently Amended) The extruder head as claimed in ~~one of the preceding~~
~~claims~~Claim 1, further comprising:
an elastomer or a thermoplastic being used as the coating material, the elastomer or the
thermoplastic preferably being mixed with a filler.

14. (Currently Amended) An extrusion device ~~(100) for the coating of a conductor or~~
~~a conductor line (72), with comprising:~~
at least one extruder head (50) as claimed in one of claims 1 to 13Claim 1; and
a conveying element (66) configured and arranged for conveying the coating material.

15. (Currently Amended) The extrusion device as claimed in claim 14, ~~also further~~
~~comprising:~~
an automatic control system (104), which controls configured and arranged to control an
opening or closing of the seal (57) of the extruder die (56) in dependence on the relative position

of the conductor that is to be coated or the conductor line (72) that is to be coated in relation to the extruder die (56).

16. (Currently Amended) The extrusion device as claimed in ~~either of claims 14 and 15~~ Claim 14, ~~the extrusion device (100) also further~~ comprising:

_____ a transporting device (106), ~~which transports~~ configured and arranged to transport the conductor line (72) through the region into which the at least one extruder die (56) opens out.

17. (Currently Amended) The extrusion device as claimed in ~~either of claims 14 and 15~~ Claim 14, ~~the extrusion device (100) also further~~ comprising:

_____ a holding device (81) for the conductor line (72) and a transporting device (83) for the extruder head (56), configured and arranged so that the extruder head (56) can be guided along ~~the~~ a stationary conductor line.

18. (Currently Amended) The extrusion device as claimed in ~~one of claims 14 to 17~~ Claim 14, ~~the extrusion device (100) also further~~ comprising:

_____ a device (98) ~~for aligning~~ configured and arranged to align filler (99) in the form of fibers or platelets.

19. (Currently Amended) The extrusion device as claimed in ~~one of claims 14 to 18~~ Claim 14, ~~the extrusion device (1) also having further~~ comprising:

_____ one or more heating elements (108), ~~which~~ configured and arranged to heat the conductor line (72) to a pre-heating temperature.

20. (Currently Amended) The extrusion device as claimed in ~~one of claims 14 to 19~~ Claim 14, comprising at least two extruder heads (56a, 56b) ~~being arranged one behind the~~ other, so that at least two layers of coating can be correspondingly applied on ~~the~~ a conductor

line.

21. (Currently Amended) The extrusion device as claimed in ~~one of claims 14 to 20~~Claim 14, further comprising:
_____ a calibrating device (96), preferably at least one calibrating roller, being arranged at the exit of the extruder head.

22. (Currently Amended) A method for ~~the coating of a conductor line, the method comprising the steps of:~~

- a) continuously conveying a flowable coating material from a storing reservoir into a collecting reservoir;
- b) producing a relative movement between the conductor line and an extruder head of an extrusion device;
- c) guiding the conductor line along the extruder head, an intermediate space remaining between the conductor line and the extruder head;
- d) introducing at least part of the continuously conveyed coating material into the intermediate space; and
- e) ending the introduction of coating material into the intermediate space as soon as the end of the region of the conductor line that is to be coated is reached.

23. (Currently Amended) The method as claimed in claim 22, wherein introducing comprises a calibration of the thickness of the coating material also taking place in method step d.

24. (Currently Amended) The method as claimed in ~~either of claims 22 and 23~~Claim 22, wherein the coating material being comprises an elastomer or thermoplastic mixed with a filler in the form of fibers or platelets, and further comprising:
_____ curing the coating material and aligning the filler additionally being aligned in the direction of extrusion in method step d used during the curing process of the coating materialsaid introducing.

25. (New) The extruder head as claimed in Claim 4, wherein the cross section of the

void is greater than the cross section of the conductor or the conductor line by the thickness of the coating allowing for form-dependent extrusion shrinkage.

26. (New) The extruder head as claimed in Claim 7, wherein the extruder head has a length in an axial direction of the conductor or the conductor line which is less than one twentieth of a radius of the conductor line contour.

27. (New) The extruder head as claimed in Claim 9, wherein the restrictor-ring segments are adjustable.

28. (New) The extruder head as claimed in Claim 13, wherein the elastomer or the thermoplastic is mixed with a filler.

29. (New) The extrusion device as claimed in Claim 21, wherein the calibrating device comprises at least one calibrating roller.